

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	208	(speech\$4 voic\$4) and (lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6))	US-PGPUB; USPAT	OR	OFF	2007/06/11 08:35
S2	60	(speech\$4 voic\$4) and (lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and ((ambien\$6 background\$4) near4 nois\$4)	US-PGPUB; USPAT	OR	OFF	2007/06/11 08:35
S3	25	(speech\$4 voic\$4) and (lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and ((ambien\$6 background\$4) near4 nois\$4) and pitch\$4 near4 correlat\$6	US-PGPUB; USPAT	OR	OFF	2007/06/11 09:12
S4	1	(speech\$4 voic\$4) and (lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and ((ambien\$6 background\$4) near4 nois\$4) and pitch\$4 near4 correlat\$6 and (gender\$4 sex\$4)	US-PGPUB; USPAT	OR	OFF	2007/06/11 08:37
S5	25	(speech\$4 voic\$4) and (lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and ((ambien\$6 background\$4) near4 nois\$4) and pitch\$4 near4 correlat\$6 and excit\$7	US-PGPUB; USPAT	OR	OFF	2007/06/11 09:09

S6	25	(speech\$4 voic\$4) and (lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and ((ambien\$6 background\$4) near4 nois \$4) and pitch\$4 near4 correlat\$6 and excit\$7 and energ\$7	US-PGPUB; USPAT	OR	OFF	2007/06/11 08:37
S7	22	(speech\$4 voic\$4) and (lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and ((ambien\$6 background\$4) near4 nois \$4) and pitch\$4 near4 correlat\$6 and excit\$7 and energ\$7 and (voic\$4 near4 index\$4)	US-PGPUB; USPAT	OR	OFF	2007/06/11 08:38
S8	22	(speech\$4 voic\$4) and (lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and ((ambien\$6 background\$4) near4 nois \$4) and pitch\$4 near4 correlat\$6 and excit\$7 and energ\$7 and (voic\$4 near4 index\$4) and decod \$4	US-PGPUB; USPAT	OR	OFF	2007/06/11 08:38
S9	22	(speech\$4 voic\$4) and (lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and ((ambien\$6 background\$4) near4 nois \$4) and pitch\$4 near4 correlat\$6 and excit\$7 and energ\$7 and (voic\$4 near4 index\$4) and decod \$4 and synthe\$7	US-PGPUB; USPAT	OR	OFF	2007/06/11 08:38

S10	22	(speech\$4 voic\$4) and (lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and ((ambien\$6 background\$4) near4 nois\$4) and pitch\$4 near4 correlat\$6 and excit\$7 and energ\$7 and (voic\$4 near4 index\$4) and decod\$4 and synthe\$7 and cut\$4off\$4	US-PGPUB; USPAT	OR	OFF	2007/06/11 08:39
S11	22	(speech\$4 voic\$4) and (lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and ((ambien\$6 background\$4) near4 nois\$4) and pitch\$4 near4 correlat\$6 and excit\$7 and energ\$7 and (voic\$4 near4 index\$4) and decod\$4 and synthe\$7 and cut\$4off\$4 with frequen\$6	US-PGPUB; USPAT	OR	OFF	2007/06/11 08:39
S12	2	(speech\$4 voic\$4) and (lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and ((ambien\$6 background\$4) near4 nois\$4) and pitch\$4 near4 correlat\$6 and excit\$7 and energ\$7 and (voic\$4 near4 index\$4) and decod\$4 and synthe\$7 and cut\$4off\$4 with frequen\$6 and decompos\$9	US-PGPUB; USPAT	OR	OFF	2007/06/12 12:56

S13	22	(speech\$4 voic\$4) and (lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and ((ambien\$6 background\$4) near4 nois\$4) and pitch\$4 near4 correlat\$6 and excit\$7 and energ\$7 and (voic\$4 near4 index\$4) and decod\$4 and synthe\$7 and cut\$4off\$4 with frequen\$6 and (bit bits)	US-PGPUB; USPAT	OR	OFF	2007/06/11 09:07
S14	3	\$6 not S13	US-PGPUB; USPAT	OR	OFF	2007/06/11 09:07
S15	25	(speech\$4 voic\$4) and (lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and ((ambien\$6 background\$4) near4 nois\$4) and pitch\$4 near4 correlat\$6 and index\$4	US-PGPUB; USPAT	OR	OFF	2007/06/11 09:27
S16	1	"5884010".pn. and (speech\$4 voic\$4) and (lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and ((ambien\$6 background\$4) near4 nois\$4) and pitch\$4 near4 correlat\$6 and index\$4	US-PGPUB; USPAT	OR	OFF	2007/06/11 09:29
S17	1	"5884010".pn. and (lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and ((ambien\$6 background\$4) near4 nois\$4) and pitch\$4 near4 correlat\$6 and index\$4	US-PGPUB; USPAT	OR	OFF	2007/06/11 09:45

S18	0	"5884010".pn. and (lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and (open\$4 near3 loop \$4)	US-PGPUB; USPAT	OR	OFF	2007/06/11 09:46
S19	54	(lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and (open\$4 near3 loop \$4)	US-PGPUB; USPAT	OR	OFF	2007/06/12 13:00
S20	23	(lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and (open\$4 near3 loop \$4) and ((ambien\$6 background\$4) near4 nois \$4) and pitch\$4 near4 correlat\$6 and index\$4	US-PGPUB; USPAT	OR	OFF	2007/06/11 09:47
S21	32	(lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and (open\$4 near3 loop \$4) and pitch\$4 near4 correlat\$6	US-PGPUB; USPAT	OR	OFF	2007/06/11 09:48
S22	32	(lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and (open\$4 near3 loop \$4) and pitch\$4 near4 correlat\$6 and index\$4	US-PGPUB; USPAT	OR	OFF	2007/06/11 10:02
S23	1	(lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and (open\$4 near3 loop \$4) and pitch\$4 near4 correlat\$6 and index\$4 and (gender\$4 sex\$4)	US-PGPUB; USPAT	OR	OFF	2007/06/11 09:53

S24	5	(lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and (open\$4 near3 loop \$4) and pitch\$4 near4 correlat\$6 and index\$4 and decompos\$8	US-PGPUB; USPAT	OR	OFF	2007/06/11 10:04
S25	32	(lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and (open\$4 near3 loop \$4) and pitch\$4 near4 correlat\$6 and index\$4	US-PGPUB; USPAT	OR	OFF	2007/06/11 10:30
S26	0	"6014622".pn. and nois\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 12:56
S27	1	"6014622".pn. and low \$4pass\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 12:56
S28	54	(lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and (open\$4 near3 loop \$4)	US-PGPUB; USPAT	OR	OFF	2007/06/12 12:58
S29	53	(lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and (open\$4 near3 loop \$4) and (speech\$4 voic \$4)	US-PGPUB; USPAT	OR	OFF	2007/06/12 13:00
S30	35	(lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and (open\$4 near3 loop \$4) and (speech\$4 voic \$4) and pitch\$4 with correlat\$6	US-PGPUB; USPAT	OR	OFF	2007/06/12 13:01

S31	35	(lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and (open\$4 near3 loop \$4) and (speech\$4 voic \$4) and pitch\$4 with correlat\$6 and excit\$7	US-PGPUB; USPAT	OR	OFF	2007/06/12 13:01
S32	33	(lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and (open\$4 near3 loop \$4) and (speech\$4 voic \$4) and pitch\$4 with correlat\$6 and excit\$7 and energ\$6	US-PGPUB; USPAT	OR	OFF	2007/06/12 13:02
S33	33	(lowpass\$4 near3 filter\$4) and ((analysis\$4 near5 synthe\$7) or (CELP) or (code\$6 near excit\$6 near linear\$4 near predict\$6)) and (open\$4 near3 loop \$4) and (speech\$4 voic \$4) and pitch\$4 with correlat\$6 and excit\$7 and energ\$6 and synthe \$8	US-PGPUB; USPAT	OR	OFF	2007/06/12 13:42
S34	1	"5809459".pn.	US-PGPUB; USPAT	OR	OFF	2007/06/12 13:42
S35	1	"5809459".pn. and nois\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 13:45
S36	72	decompos\$6 with nois\$4 with speech\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 13:55
S37	79	decompos\$6 with nois\$4 with (speech\$4 voic\$5)	US-PGPUB; USPAT	OR	OFF	2007/06/12 13:56
S38	1	decompos\$6 with nois\$4 with (speech\$4 voic\$5) same low\$4pass\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 13:57
S39	348	nois\$4 with (speech\$4 voic\$5) same low\$4pass\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 13:58
S40	299	(divid\$4 separat\$4 decompos\$8) and nois\$4 with (speech\$4 voic\$5) same low\$4pass\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 13:58
S41	3491983	(divid\$4 separat\$4 decompos\$8) with\ nois \$4 with (speech\$4 voic\$5) same low\$4pass\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 13:58

S42	13	(divid\$4 separat\$4 decompos\$8) with nois\$4 with (speech\$4 voic\$5) same low\$4pass\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 14:31
S43	0	"6940454".pn. and bandwidth\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 14:30
S44	13	(divid\$4 separat\$4 decompos\$8) with (non \$4voic\$4 nois\$4) with (speech\$4 voic\$5) same low\$4pass\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 14:32
S45	13	(divid\$4 separat\$4 decompos\$8) with (non \$4voic\$4 nois\$4 non \$4speech\$4) with (speech \$4 voic\$5) same low \$4pass\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 14:34
S46	213	(divid\$4 separat\$4 decompos\$8) with (speech \$4 voic\$5) same low \$4pass\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 14:33
S47	25	(divid\$4 separat\$4 decompos\$8) with (speech \$4 voic\$5) same low \$4pass\$4 same nois\$6	US-PGPUB; USPAT	OR	OFF	2007/06/12 14:42
S48	22	(divid\$4 separat\$4 decompos\$8) with (non \$4voic\$4 nois\$4 non \$4speech\$4 un\$4voic\$4) with (speech\$4 voic\$5) same low\$4pass\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 14:34
S49	0	"5809549".pn. and CELP\$ \$	US-PGPUB; USPAT	OR	OFF	2007/06/12 14:40
S50	0	"5809459".pn. and celp\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 14:40
S51	1	"5809459".pn. and linear \$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 14:41
S52	1	"5809459".pn. and linear \$4 same exci\$7	US-PGPUB; USPAT	OR	OFF	2007/06/12 14:41
S53	4	(divid\$4 separat\$4 decompos\$8) with (speech \$4 voic\$5) same low \$4pass\$4 same nois\$6 and celp\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 15:24
S54	1	(gender\$4 sex\$4) and CELP\$4 and lowpass\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 15:28
S55	60	(gender\$4 sex\$4) and CELP\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 15:28
S56	125	(gender\$4 sex\$4) and lowpass\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 15:28



S57	44	(gender\$4 sex\$4) and lowpass\$4 and (speech\$4 voic\$4 near5 process\$7)	US-PGPUB; USPAT	OR	OFF	2007/06/12 15:29
S58	9	(gender\$4 sex\$4) same (speech\$4 voic\$4) and lowpass\$4 and (speech\$4 voic\$4 near5 process\$7)	US-PGPUB; USPAT	OR	OFF	2007/06/12 15:29
S59	0	"20040138874".pn. and pitch\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 15:38
S60	1	"5809459".PN. AND PITCH \$5	US-PGPUB; USPAT	OR	OFF	2007/06/12 15:40
S61	1	"5809459".PN. And index \$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 15:40
S62	1	"5809459".PN. And index \$4 same (speech\$4 voic \$4)	US-PGPUB; USPAT	OR	OFF	2007/06/12 15:45
S63	1	"5809459".PN. And decod \$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 15:46
S64	1646950	"5809459".PN. And decod \$4 same transmit\$4 transfer\$4	US-PGPUB; USPAT	OR	OFF	2007/06/12 15:45
S65	0	"5809459".PN. And decod \$4 same (transmit\$4 transfer\$4)	US-PGPUB; USPAT	OR	OFF	2007/06/12 15:45
S66	1	"5809459".PN. And synthe \$8	US-PGPUB; USPAT	OR	OFF	2007/06/12 15:46
S67	3	("5809459" "6308155"). pn. or ("20040138874"). did.	US-PGPUB; USPAT	OR	OFF	2007/06/14 06:37
S68	3	("5809459" "6308155"). pn. or ("20040138874"). did. and (CELP\$4 or (code \$4 near3 linear\$4 near excit\$6) or (analysis\$4 near3 synthe\$7))	US-PGPUB; USPAT	OR	OFF	2007/06/14 06:39
S69	2	("5809459" "6308155"). pn. or ("20040138874"). did.) and (CELP\$4 or (code \$4 near3 linear\$4 near excit\$6) or (analysis\$4 near3 synthe\$7))	US-PGPUB; USPAT	OR	OFF	2007/06/14 06:58
S70	3	("5809459" "6308155"). pn. or ("20040138874"). did.) and noise\$5	US-PGPUB; USPAT	OR	OFF	2007/06/14 06:58
S71	1	("5809459" "6308155"). pn. or ("20040138874"). did.) and noise\$5 same estimat\$7	US-PGPUB; USPAT	OR	OFF	2007/06/14 07:00

S72	66088	low\$4pass\$4 near4 filter\$4	US-PGPUB; USPAT	OR	OFF	2007/06/14 07:00
S73	14803	low\$4pass\$4 near4 filters	US-PGPUB; USPAT	OR	OFF	2007/06/14 07:00
S74	73	low\$4pass\$4 near4 filters and celp\$4	US-PGPUB; USPAT	OR	OFF	2007/06/14 07:00
S75	73	low\$4pass\$4 near4 filters and celp\$4 and (speech\$4 voic\$4)	US-PGPUB; USPAT	OR	OFF	2007/06/14 07:24
S76	54	low\$4pass\$4 near4 filters and celp\$4 and (speech\$4 voic\$4) same index\$4	US-PGPUB; USPAT	OR	OFF	2007/06/14 09:01
S77	1	"5809459".pn. and nois\$4	US-PGPUB; USPAT	OR	OFF	2007/06/14 09:01
S78	1929	filter\$4 with transmi\$7 with (decoder\$4 coder\$4)	US-PGPUB; USPAT	OR	OFF	2007/10/08 11:54
S79	1678921	filter\$4 with transmi\$7 with (decoder\$4 coder\$4) and cut\$4off\$4 frequen\$7	US-PGPUB; USPAT	OR	OFF	2007/10/08 11:55
S80	159	filter\$4 with transmi\$7 with (decoder\$4 coder\$4) and cut\$4off\$4 near3 frequen\$7	US-PGPUB; USPAT	OR	OFF	2007/10/08 11:55
S81	8	filter\$4 with transmi\$7 with (decoder\$4 coder\$4) same cut\$4off\$4 near3 frequen\$7	US-PGPUB; USPAT	OR	OFF	2007/10/08 12:16
S82	199	(gao and yang).in.	US-PGPUB; USPAT	OR	OFF	2007/10/08 12:05
S83	82	(gao and yang).in. and "704"/\$.cls.	US-PGPUB; USPAT	OR	OFF	2007/10/08 12:06
S84	7453	(voic\$4 speech\$4) same (decod\$4 cod\$4) same (filter\$4 cut\$4off\$4)	US-PGPUB; USPAT	OR	OFF	2007/10/08 12:18
S85	153	(voic\$4 speech\$4) same (decod\$4 cod\$4) same (filter\$4 with cut\$4off\$4)	US-PGPUB; USPAT	OR	OFF	2007/10/08 12:19
S86	54	(voic\$4 speech\$4) same nois\$4 same (decod\$4 cod\$4) same (filter\$4 with cut\$4off\$4)	US-PGPUB; USPAT	OR	OFF	2007/10/08 12:20
S87	1	"6138092".pn.	US-PGPUB; USPAT	OR	OFF	2007/10/08 14:28
S88	1	"6138092".pn.	US-PGPUB; USPAT	OR	OFF	2007/10/08 14:40
S89	0	"6138092".pn. and gender\$4	US-PGPUB; USPAT	OR	OFF	2007/10/08 14:40

S90	0	"6138092".pn. and sex	US-PGPUB; USPAT	OR	OFF	2007/10/08 14:40
S91	0	"6138092".pn. and (mal \$4 femal\$4)	US-PGPUB; USPAT	OR	OFF	2007/10/08 14:40
S92	1	"6138092".pn. and estimat \$4	US-PGPUB; USPAT	OR	OFF	2007/10/08 14:41
S93	0	"6138092".pn. and estimat \$4 same nois\$4	US-PGPUB; USPAT	OR	OFF	2007/10/08 14:41
S94	1	"6138092".pn. and estimat \$4 same synthes\$6	US-PGPUB; USPAT	OR	OFF	2007/10/08 14:42
S95	18	cod\$4.ti. and (gender\$4 sex\$4) same (speech\$4 voic\$4)	US-PGPUB; USPAT	OR	OFF	2007/10/08 14:43
S96	0	"20050049851".did. and transmission	US-PGPUB; USPAT	OR	OFF	2008/05/02 06:34
S97	1	"20050049851".did. and transmit\$6	US-PGPUB; USPAT	OR	OFF	2008/05/02 06:34
S98	1	"20050049851".did. and record\$4	US-PGPUB; USPAT	OR	OFF	2008/05/02 06:40
S99	1	"20050055219".did.	US-PGPUB; USPAT	OR	OFF	2008/05/02 07:47
S100	30454	cut\$4off near frequenc\$6	US-PGPUB; USPAT	OR	OFF	2008/07/28 12:24
S101	30537	cut\$4off\$4 near frequenc \$6	US-PGPUB; USPAT	OR	OFF	2008/07/28 12:25
S102	556	cut\$4off\$4 near frequenc \$6 with (speech\$4 voic\$4)	US-PGPUB; USPAT	OR	OFF	2008/07/28 12:27
S103	405	filter\$4 with cut\$4off\$4 near frequenc\$6 with (speech\$4 voic\$4)	US-PGPUB; USPAT	OR	OFF	2008/07/28 12:28
S104	98	filter\$4 with cut\$4off\$4 near frequenc\$6 with (speech\$4 voic\$4) with \$khz	US-PGPUB; USPAT	OR	OFF	2008/07/28 12:33
S105	1	filter\$4 with cut\$4off\$4 near frequenc\$6 with (speech\$4 voic\$4) with \$khz and wide\$4band near2 frequenc\$4	US-PGPUB; USPAT	OR	OFF	2008/07/28 12:41
S106	1	filter\$4 with cut\$4off\$4 near frequenc\$6 with (speech\$4 voic\$4) with \$khz and wide\$4band near2 frequenc\$4 and (encod\$4 decod\$4)	US-PGPUB; USPAT	OR	OFF	2008/07/28 12:52

S107	5	filter\$4 with cut\$4off\$4 near frequenc\$6 with (speech\$4 voic\$4) with \$khz and wide\$4band\$4 with frequenc\$4 and (encod\$4 decod\$4)	US-PGPUB; USPAT	OR	OFF	2008/07/28 12:53
S108	46	filter\$4 with cut\$4off\$4 near frequenc\$6 with (speech\$4 voic\$4) with \$khz and (encod\$4 decod\$4)	US-PGPUB; USPAT	OR	OFF	2008/07/28 12:55
S109	52	S104 not S108	US-PGPUB; USPAT	OR	OFF	2008/07/28 13:00
S110	0	"20060153286".did. and cut\$4off\$4	US-PGPUB; USPAT	OR	OFF	2008/07/28 13:11
S111	1	"20060153286".did. and frequenc\$4	US-PGPUB; USPAT	OR	OFF	2008/07/28 13:12
S112	1	"6681202".pn. and analysis\$4	US-PGPUB; USPAT	OR	OFF	2008/07/28 13:13
S113	1	"6681202".pn. and analysis\$4 same synthesis\$4	US-PGPUB; USPAT	OR	OFF	2008/07/28 13:13
S114	0	"6681202".pn. and compos\$8	US-PGPUB; USPAT	OR	OFF	2008/07/28 13:14
S115	6	(US-20040153313-\$ or US-20040153544-\$ or US-20030050786-\$ or US-20020016698-\$).did. or (US-5706392-\$ or US-6681202-\$).did.	US-PGPUB; USPAT	OR	OFF	2008/07/28 13:21
S116	1	((US-20040153313-\$ or US-20040153544-\$ or US-20030050786-\$ or US-20020016698-\$).did. or (US-5706392-\$ or US-6681202-\$).did.) and CELP\$4	US-PGPUB; USPAT	OR	OFF	2008/07/28 13:21
S117	1	"6681202".pn. and cod\$4	US-PGPUB; USPAT	OR	OFF	2008/07/28 13:30
S118	102	(split\$4band\$4 or (split\$4 near2 band\$4)) and CELP\$4	US-PGPUB; USPAT	OR	OFF	2008/07/29 14:38
S119	90	(split\$4band\$4 or (split\$4 near2 band\$4)) and CELP\$4 and \$4khz	US-PGPUB; USPAT	OR	OFF	2008/07/29 14:39
S120	60	(split\$4band\$4 or (split\$4 near2 band\$4)) same \$4khz and CELP\$4	US-PGPUB; USPAT	OR	OFF	2008/07/29 14:39

S121	10	(split\$4band\$4 or (split\$4 near2 band\$4)) same \$4khz and cut\$4off\$4 near2 frequenc\$5 and CELP\$4	US-PGPUB; USPAT	OR	OFF	2008/07/29 14:58
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